



# Berto's Amphi-Cycle

Written By: Berto



## TOOLS:

- [Hack saw \(1\)](#)
- [Pop rivet tool, and rivets \(1\)](#)
- [hand electric drill \(1\)](#)



## PARTS:

- [Bicycle \(1\)](#)
- [inflatable boat \(1\)](#)
- [PVC pipe \(1\)](#)
- [aluminium strips \(1\)](#)
- [Steel pipe \(1\)](#)

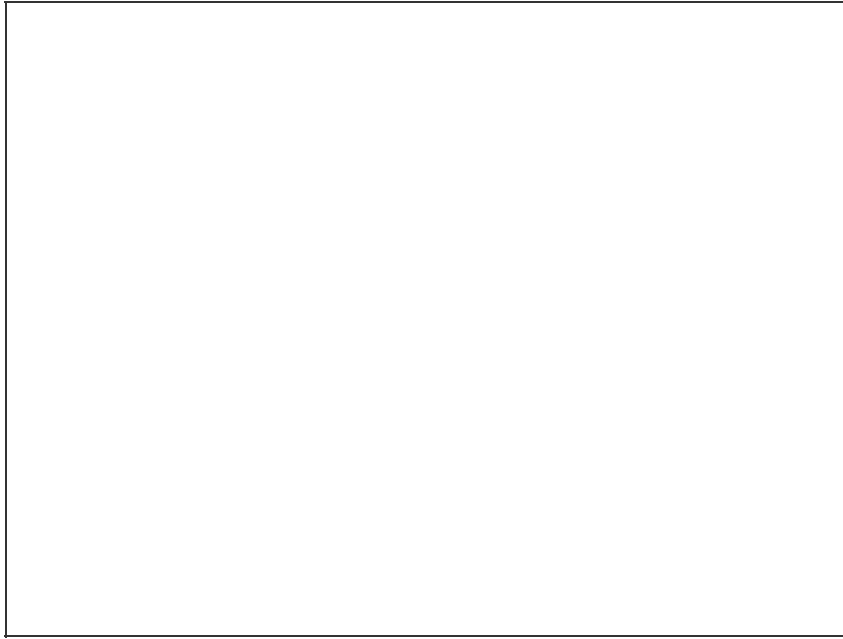
## SUMMARY

This is a low-tech project, so no welding or big machinery is needed. Everyone can use his or her own bicycle and make it amphibious. The conversion time from land to water is not more than 7 minutes; the same for the opposite direction. The design is usable for any bicycle and the construction is simple, safe and cheap; about 100 dollars.

This project sounds easy; it's not. If it were that simple, we could buy an amphibious bike in the local cycleshop. However, this video shows enough information to make one of your own.

In the water Berto's Amphi-Cycle is propelled by a new version of the simple outboard motor, using a cordless drill powered by a large 12V battery. I found out that other ways of propelling it are too complex and expensive.

### Step 1 — Berto's Amphi-Cycle



- This is the hand drawing of the Amphi-Cycle.

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This is not an easy project because many parts have to be customized. Bicycles and boats have different sizes.

This project shows how I did it.

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